

Product datasheet for SC321017

RTP2 (NM_001004312) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RTP2 (NM_001004312) Human Untagged Clone
Tag:	Tag Free
Symbol:	RTP2
Synonyms:	Z3CXXC2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001004312.1

```

CTAGGGTGTCTACTTACCATAGCACATGATGTGGAGAATGCTAGAAGAGCAGTTGGGTG
AAGCAGGGCCACCAAATAGTCCTTGCCCTCTGGAGACCTCTGGAATCCAGATGAGTGTG
GTCTGAGGTTGGGCCTCCCACTGTGCTTGCTCCTCTCAGGCCTACCCAGCGCTGCCTCTG
AAGCCTAACTCAGGGCCCTGAACTCCCCCTTGGGGCTTCCCTTCTCCCCAGCCCTCACT
CTTGGTGCCTGCCTGGCTACCATGGTAACAGGTTCCAGGGTAACAGAGGAGGGAGCTGG
GTCCTGTTTACTCCAGTCCTGCCGATGAGGATTCTGACCGTAGACACTGAATTGTCCCG
TACCTATCCGTGCTCTTTCTGTGTTCTCACCAGGGCTGAGCTCGAACTGCCACCTCTGCC
AGCAGGACCATGTGTACCAGCTTGACCACTTGAGTGGAAGAAAGTCTTCTATGAGAAG
ATGGAGGTGGCAAAGCCAGCGGACAGCTGGGAGCTCATCATAGACCCCAACCTCAAGCCC
AGTGAGCTGGCCCTGGCTGGAAGCAGTACCTGGAGCAGCACGCCTCAGGCAGGTTCCAC
TGCTCCTGGTGTGGCACACCTGGCAGTCTGCCATGTGGTCATCCTCTTCCACATGTTT
CTGGACCGCGCCCGCGCGGGCTCGGTGCGCATGCGCGTCTTCAAGCAGCTGTGCTAT
GAGTGCGGCACGGCGCGGCTGGACGAGTCCAGCATGCTTGAGGAGAACATCGAGGGCCTG
GTGGACAACCTCATCACCAGCCTGCGCGAGCAGTGCTACGAGGAGGATGGTGGCCAGTAC
CGCATCCACGTGGCCAGCCGCCGACAGCGGGCCGCATCGTGACAGATTCTGTGAGGCC
TGCCAGGAGGGCATCGTTCACTGGAAGCCAGCGAGAAGTGTGAGGAGGAGGTGACC
ACCTACACCTCTGAAGCCTCCAAGCCGAGGGCCAGGCGGGATCCGGCTACAACCTCTTG
TCTCTTCGCTGGTGCCTCTTCTGGGCCTCTCTGCTGCTCGTTGTTTACCTGCAGTTC
TCCTTCCTCAGTCTGCTTCTTTTGTAGTGAGCTGGTTAAGGGTGGGAGAGGGCACATGA
GCTTGAGAGTGGGAGGACACAGTCTGGACTTGATCCTGCTACAGATTCAACATATGACT
GGACAATCCGGTCACCTCTCTGGCCTCAGTTAATGCATCTGCGGAATGAGAGGATTGCA
TTAGAAGATAGGCAATGATTCTTCACTGGATGTGACAATAATGGGGGAAGGGGAAAAG
GGTGAATAAAGGTTTTAGAGCTTGCAAAAAAAAAAAAAAAAAAAAA
  
```

Restriction Sites: Please inquire


[View online »](#)

ACCN:	NM_001004312
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001004312.1, NP_001004312.1</u>
RefSeq Size:	1364 bp
RefSeq ORF:	678 bp
Locus ID:	344892
UniProt ID:	<u>Q5QGT7</u>
Cytogenetics:	3q27.3
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	Specifically promotes functional cell surface expression of olfactory receptors, but not of other GPCRs.[UniProtKB/Swiss-Prot Function]